

A WE CLAIM:  
~~claims~~

1. Use of at least one adhesive tape as means for handling, transporting and storing a plurality of capillaries, wherein the capillaries (1) are introduced, in substantially parallel alignment and at separations less than their diameters, onto an endless adhesive tape (2) extending substantially perpendicular to their longitudinal axes to be held thereby at a portion of their outer surface, the width (d) of the adhesive tape (2) being smaller than half the length (L) of the capillaries (1).
2. Use of adhesive tape according to claim 1, characterized in that the adhesive tape (2) is coated with a contact adhesive.
3. Use of adhesive tape according to claim 1 or 2, characterized in that the adhesive tape (2) is a sheet.
4. Use of adhesive tape any one of the claims 1 to 3, characterized in that the width (d) of the adhesive tape (2) corresponds approximately to a third of the length (L) of the capillaries (1).
5. Use of adhesive tape according to one of the claims 1 to 4, characterized in that the capillaries (1) abut one another.

10031699-012300

1561

6. Use of adhesive tape according to any one of the claims 1 through 5, characterized in that the central longitudinal region of the capillaries (1) is disposed on an adhesive tape (2), with the capillaries (1) projecting past same on both sides.
7. Use of adhesive tape according to any one of the claims 1 through 5, characterized in that two or more adhesive tapes are provided at a separation from one another and the ends of the capillaries (1) project past the outer edges of the adhesive tapes.
8. Use of adhesive tape according to any one of the claims 1 through 7, characterized in that the capillaries (1) are wound, with the adhesive tape (2) about an axle into a roll.
9. Use of adhesive tape according to any one of the claims 1 through 8, characterized in that at least one end of the adhesive tape (2) comprises an adhesive-free removal tab (2a).
10. Use of adhesive tape according to any one of the claims 1 through 9, characterized in that the adhesive tape (2) is provided with a label, imprint (3) or the like for identifying the capillaries (1).

2025-01-01 10:00:00

11. Use of adhesive tape according to any one of the claims 1 through 10, characterized in that the storage capacity of the capillaries (1) is smaller than  $500\mu\text{l}$ .
12. Use of adhesive tape according to claim 11, characterized in that the storage capacity of the capillaries (1) is smaller than  $100\mu\text{l}$ .
13. Use of adhesive tape according to claims 11 of 12, characterized in that the storage capacity of the capillaries is smaller than  $1\mu\text{l}$ .
14. A dispenser for individual capillaries (1) on an adhesive tape (2) according to any one of the claims 1 through 13, with at least one substantially U-shaped receptacle (6) for the capillaries (1) whose U-legs (7) are separated by at least the length (L) of the capillaries (1) to guide the ends of the capillaries and with at least one upwardly disposed guide member (9) having a separation (h) from the bottom part of the U-shaped receptacle (8) corresponding approximately to the diameter (d) of the capillaries (1), wherein a slotted guide (5) is fashioned between the bottom of the U-shaped receptacle (8) and the guide member (g) as an abutment (12) for the capillaries (1) which leaves the adhesive tape (1) accessible and into which the capillaries (1) and adhesive tape (1) can be introduced, and which has a dispensing location (15) for the capillaries (1) opposite that introductory location, wherein the adhesive tape (2) can be removed from the

1001690012001

cc  
221/208+

capillaries (1) while they are supported in the slotted guide (5).

15. Dispenser according to claim 14, characterized in that two guiding members (9) face one another and are disposed at the U-shaped legs (7) of the receptacle (6) substantially symmetrically and at a separation from one another to define an intermediate space for removing the adhesive tape (2) disposed on the central longitudinal region of the capillaries (1).
16. Dispenser according to claim 15, characterized in that a central guiding member (9) is provided at a separation (e, f) from the U-shaped legs (7) of the receptacle (6) to define a free space between each of its longitudinal edges (9a, 9b) and a respective U-shaped leg (7) for removing two adhesive tapes disposed on the capillaries (1) at a separation from each other.
17. Dispenser according to any one of the claims 14 through 16, characterized in that a slider (20) is provided which is guided on the slotted guidance (5) and acts elastically on the capillaries (1) in the direction of the dispensing location (15).
18. Dispenser according to claim 17, characterized in that the slider (20) can be arrested at the end (6a) of the receptacle (6) facing away from the dispensing location

100169-01200

(15) for loading the capillaries (1) into the slotted guidance (5).

19. Dispenser according to claim 17 or 18, characterized in that the slider (20) is connected to a guiding pin (26) which is disposed in a slot (25) formed in the U-shaped bar (8) of the receptacle (6) and receives a helical spring (26) disposed between the slider (20) and the end (25a) of the slot (25) facing away from the dispensing location (15).
20. Dispenser according to any one of the claims 14 through 18, characterized in that the capillaries (1) wound with the adhesive tape (2) about an axle, can be unwound by a helical spring acting on the axle and be loaded into the slotted guidance (5).
21. Dispenser according to any one of the claims 14 through 20, characterized in that the capillaries (1) can be removed from the dispenser at the dispensing location (15) in their axial direction.
22. Dispenser according to claim 21, characterized in that the dispensing location (15) has at least one discharge opening (16) which is disposed at the level of the capillaries (1) and penetrates through at least one of the U-shaped legs (7) of the receptacle (6).

10034500-0100

23. Dispenser according to claim 22, characterized in that the diameter (s) of the discharge opening (16) corresponds approximately to the diameter (D) of the capillaries (1).

10031699.012202